

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
22 September 2005 (22.09.2005)

PCT

(10) International Publication Number
WO 2005/087644 A3

(51) International Patent Classification⁷: B66B 9/08

(21) International Application Number:
PCT/NL2005/000143

(22) International Filing Date: 28 February 2005 (28.02.2005)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data:
1025571 26 February 2004 (26.02.2004) NL

(71) Applicant (for all designated States except US):
THYSSENKRUPP ACCESSIBILITY B.V. [NL/NL];
Van Utrechtweg 99, NL-2921 LN Krimpen aan den IJssel
(NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **VAN DER HEIDEN, Arnoldus, Theodorus [NL/NL]; Rottekade 173, NL-2661 JT Bergschenhoek (NL).**

(74) Agent: **WINCKELS, J.H.E.; Johan de Witstraat 7, NL-2517 JR Den Haag (NL).**

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BT, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NC, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VG, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

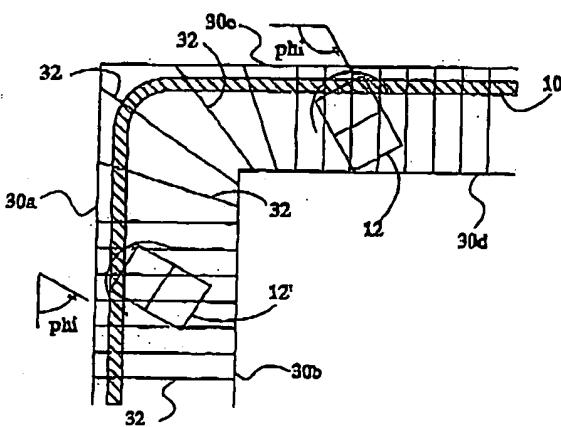
Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
27 October 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: STAIRLIFT



(57) Abstract: The platform of a stairlift is moved along a rail in a stairwell. During the movement, the platform is automatically rotated relative to the rail about a vertical shaft, at angles depending on a position of the platform along the rail. The stairway contains, for instance, a virtually straight part and a bend, wherein the platform is rotated, at positions in the bend, at an orientation or orientations which make a smaller angle with a part of the rail going downstairs than an orientation of the platform in the straight part. In a stairwell with a wider part and a narrower part, wherein the stairwell is insufficiently wide to let the platform rotate through, at a position preceding the entering of the narrower part, the platform is rotated at an angle from which the platform can be rotated to a position for getting on and off in the narrower part without obstruction from walls of the stairwell.

WO 2005/087644 A3